

ABSTRACT OF THE DISCLOSURE

5 A bicycle seat that vibrates/oscillates/kneads/massages the riders anatomy
via intermittent digitally controlled frequencies or by way of an on-off activation
switch or by sensor/weight activation. This allows rider seat massage to
maximize comfort, minimize soreness/numbness at the perineum, ischial
tuberosities and/or gluteus maximus muscles when on seat for varying periods of
time. A vibratory or oscillatory lightweight tube is integrated within the underside
10 of the seat front to back, so as to be one with the hard plastic shell-undercarriage
and/or metal rod infrastructure of the seat. Seat massage can be
vibratory/oscillatory Rpm's or frequencies similar to frequency
vibration/oscillation of hand held vibrators up to ultrasonic toothbrushes having
much higher strokes per minute. The massage frequencies are conducted within
15 the tube and seat therefore the entire seat vibrates/oscillates thus massaging the
seated rider. Optionally, the seat may vibrate/oscillate automatically for one-three
minutes at intervals by virtue of sensor activation in the padding of the seat
displaced with body weight. Seat may be programmable to allow various wave
length frequencies of vibration/oscillation. It is the first and only smart/therapeutic
20 bicycle seat. These invention principles also apply to motorcycle saddles/seats,
snowmobiles, stationary bikes and other exercise equipment.

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